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SP
2123
5-21-03

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Ohkami
App. No. : 09/879,658
Filing Date : 6/11/2001
Title : Hardware-assisted design verification system using a packet-based
protocol logic synthesized for efficient data loading and unloading
Group Art Unit : 2123
Examiner : Unassigned
Docket No. : 706316.1178

Honorable Commissioner for Patents
Washington, D.C. 20231

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Technology Center 2100

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with 37 CFR §§ 1.97 and 1.98, the items identified in this Information Disclosure Statement ("IDS") are brought to the attention of the Office. The items are listed on the attached form PTO-1449 and copies are enclosed for the convenience of the Examiner.

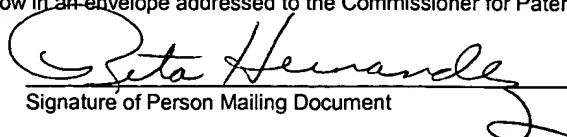
The items identified in this IDS may or may not be "material" pursuant to 37 CFR § 1.56. The submission thereof by Applicant is not to be construed as an admission that any such patent, publication or other information referred to therein is material or considered to be material (37 CFR § 1.97(h)), or even qualifies as "prior art" under 35 USC § 102 with respect to this invention unless specifically designated by Applicant as such.

CERTIFICATE OF MAILING
37 CFR §1.8

I hereby certify, pursuant to 37 CFR §1.8, that I have reasonable basis to expect that that this paper or fee (along with any referred to as being attached or enclosed) would be mailed or transmitted on or before the date indicated with the United States Postal Service with sufficient postage as first class mail on the date shown below in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Dated:

May 5, 2003


Signature of Person Mailing Document

DOCSOC1:136969.1

Applicant : Ohkami
Appl. No. : 09/879,658
Examiner : Unassigned
Docket No. : 706316.1178

INFORMATION DISCLOSURE STATEMENT FILING PROVISION:

☒ This IDS is believed to be timely in that it is being submitted under 37 CFR § 1.97(b), that is (1) within three months of the filing date of the application, which is not a continued prosecution application filed under § 1.53(d); or (2) within three months of entry of the national stage as set forth in 37 CFR § 1.491; or (3) before the mailing of a first Office action on the merits; or (4) before the mailing of a first Office action after filing a request for continued examination under § 1.114. Thus, no fee is required.

☐ However, if the undersigned is in error in this regard, Applicant respectfully requests that the Office consider this IDS as filed under 37 CFR § 1.97(c), if applicable, and charge the fee due under 37 CFR § 1.17(p) to the deposit account referenced below.

☒ However, if the undersigned is in error in this regard, Applicant respectfully requests that the Office consider this IDS as filed under 37 CFR § 1.97(c), if applicable, and a statement under 37 CFR § 1.97(e) is included below, thus no fee is required.

☐ This IDS is being submitted under 37 CFR § 1.97(c), that is after mailing of a first Office action on the merits, but before a Final Action under 37 CFR § 1.113 or a Notice of Allowance under 37 CFR § 1.311.

☐ The fee due under 37 CFR § 1.17(p) is submitted herewith.

☐ A statement under 37 CFR § 1.97(e) is included below, thus no fee is required. In the event that this IDS is not received before a Final Action or a Notice of Allowance, then Applicant respectfully requests that the Office consider the filing of these papers to be submitted under 37 CFR § 1.97(d) and charge the fee due under 37 CFR § 1.17(p) to the deposit account below.

☐ This IDS is being submitted under 37 CFR § 1.97(d), that is after a Final Action under 37 CFR § 1.113 or a Notice of Allowance under 37 CFR § 1.311, but before payment of the issue fee. A statement under 37 CFR § 1.97(e) is included below. The fee due under 37 CFR § 1.17(p) is submitted herewith.

Applicant : Ohkami
Appl. No. : 09/879,658
Examiner : Unassigned
Docket No. : 706316.1178

STATEMENT UNDER 37 CFR § 1.97(e):

☒ Each item contained in this IDS was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this IDS.

☐ No item contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this statement after making reasonable inquiry, no item of information contained in this IDS was known to any individual designated in 37 CFR § 1.56(c) more than three months prior to the filing of this IDS.

PAYMENT AND/OR AUTHORIZATION TO CHARGE FEES:

☐ A check in the amount of _____ is enclosed for the above fee(s).

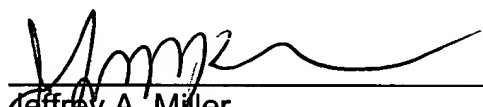
☐ Please charge _____ to Deposit Account No. **15-0665** for the above fee(s).

The Commissioner is authorized to charge any fees required by the filing of these papers, and to credit any overpayment to Orrick, Herrington & Sutcliffe's Deposit Account No. **15-0665**.

Respectfully submitted,

ORRICK, HERRINGTON & SUTCLIFFE LLP

Dated: May 5, 2003

By: 
Jeffrey A. Miller
Reg. No. 35,287

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Please type a plus sign (+) in this box ☒

Approved for use through 10/31/99. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	09/879,658
				Filing Date	06/11/2001
				First Named Inventor	Ohkami
				Group Art Unit	2123
				Examiner Name	Unassigned
Sheet	1	of	1	Attorney Docket Number	706316.1178

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publications of Cited Documents MM-DD-YYYY
		Number	Kind Code ²		
	AA	5,546,562		Patel	08/13/1996

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publications of Cited Documents MM-DD-YYYY	T ⁶
		Office ³	Number ⁴	Kind Code ⁵			
	BA	EP	0 838 772	A2	Quickturn Design Systems, Inc.	04/29/1998	

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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T 2
	CA	KOCH G.H. et al, "Breakpoints and Breakpoint Detection in Source-level Emulation," ACM TRANSACTIONS ON DESIGN AUTOMATION OF ELECTRONIC SYSTEM, April 1998, Vol. 3, no. 2, pages 209-230	
	CB	KOCH, G.H. et al, "Debugging of Behavioral VHDL Specifications by Source Level Emulation" PROCEEDINGS EURO-DAC '95. EUROPEAN DESIGN AUTOMATION CONFERENCE WITH EURO-BHDL, PROCEEDINGS OF EURO-DAC. EUROPEAN DESIGN AUTOMATION CONFERENCE, Brighton, UK September 18-22, 1995	
	CC	POTKONJAK, M. et al, "Design-for-Debugging of Application Specific Designs" 1995 IEEE/ACM INTERNATIONAL CONFERENCE ON COMPUTER-AIDED DESIGN (ICCAD), San Jose, California November 5-9, 1995 and IEEE/ACM INTERNATIONAL CONFERENCE ON COMPUTER-AIDED DESIGN, Los Alamitos, California November 5, 1995	

Examiner Signature	DOCSOC1:136971.1	Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent documents. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.